		THE INTERIOR			AI		PREPARED IN COOPERA ON OF GEOLOGICAL AN	TION WITH D GEOPHYSICAL SURVEYS					BULL	ETIN 1817 PLATE 1
DEPTH, METERS	ATION, ERS	GRAPHIC LOG	VISUAL DESCRIPTION	FACIES ¹	TOTAL DISSOLVED SOLIDS	DENSITY, G/M	MOISTURE CONTENT, PERCENT	UNDRAINED SHEAR STRENGTH, KN/M	SAMPLING INFORMATION	CORE SECTIONS	REMARKS	ELEVATION, METERS	DEPTH, METERS	DEPTH,
WEIERS	ELE	HE CONTRACTOR		-	SOLIDS		10 20 30 40	25 50 75 100 125 150 175			Ground-surface elevation 20.42 m	ਜ਼ ਜ਼		
— 6		____\	SAND, medium SAND, medium to fine, becomes finer downward SILT, clayey, massive; numerous silty fine sand interbeds in lower half	VII		2.12	□ Ø		Sampling resistance sporadic	1A 1B			 6	 20
	 14	\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-	SILT, clayey; silt interbeds SILT; very fine interbeds of clay and very fine sand SAND, very fine			2.10	Ø Ø Ø	Ø O Ø Ø		1C	— Break in sample	14		20
			CLAY, silty, interbeds and pods of silty fine sand and very fine sand SAND, medium to fine			2.09	⊗ ⊗	o ⊗ ⊗ →⊗	Slough in hole to elevation of 15 m	1D 1E	— Break in sample			
7		\(\text{\tint{\text{\tin}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tex{\tex	CLAY; interbeds and pods of silty fine sand SILTY FINE SAND; interbeds of clay and silt CLAY, silty; silty fine sand and very fine sand interbeds SILTY FINE SAND, coarse SAND, very fine; silty fine sand interbeds				⊗ □ •	⊗ ⊗ Z • • •	Sampling resistance sporadic	2A	Appears soft and disturbed — Break		 7	
	13		CLAY; silt and silty fine sand interbeds CLAY; silty; coarse silty fine sand interbeds and very fine sand beds near top CLAY; scattered, irregular bedded and very fine sand interbeds			2.39	⊗ ⊗ ⊠ □ • ⊗	⊗ ⊗ ⊗ ⊗ • ⊗ ⊗ ⊗		2B	— Break in sample	<u> </u>		— 25
8			SAND, very fine CLAY; silty fine sand interbeds and irregular very fine sand bodies CLAY, silty; irregular beds of silty fine sand and fine sand CLAY; silty fine sand interbeds	IV	— 2.03 <i>—</i>	2.09	□ •• • •	• •	Slough hole to elevation 12.1 m	2C 2D	Break in sample Break in sample		8	
	<u> </u>	+ 1 29 + 1 L 1	SAND, very fine; silty clay interbeds CLAY, silty; interbeds of silty fine sand and silt, fossil shell near top of bed, massive SILT, clayey; occasional beds of silty fine sand CLAY, silty, massive				Ø ⊗ ⊗	⊗⊗ ⊗ -	Sampling			12		
 9			SILT, clayey; sifty fine sand interbeds SAND, very fine and undulating; thin silt beds SILT, clayey, irregular bedded; coarser clayey silt,			2.14	& Ø Ø Ø	Ø Ø Ø Ø →0	resistance very high	3A	Break in sample Break in sample		— 9	— 30
	11		silty fine sand and very fine sand CLAY, silty, uniform, massive CLAY, silty fine sand interbeds SILT and SILTY FINE SAND, interbeds SILT, clayey, increasingly clayey downward, massive	i.		2.15	⊗ •	⊗ ⊗ ••	No slough in hole	3В	— Break in sample	11		
		\\ \frac{1}{2} \cdot \frac{1}{	SILTY FINE SAND and SILT, interbeds SILTY FINE SAND; some iron oxide stained stringers SILT, clayey; some silty fine interbeds and scattered very fine sand, uniform			+	- x	⊠ 0 → 0 Ø	Sampling resistance high	4A	Watery appearance		<u> </u>	
		7 7 7 7 7 7 7 7 7 7 7 7 7	SAND, very fine, irregular beds SILT, clayey, irregular bed; silty fine sand interbeds	II	— 1.85 —	<u> </u>	⊗ - ⊗	⊗ ⊗⊗			Crack in sample	— 10		
	10		SILTY FINE SAND; irregular blebs of fine sand throughout, increasing downward	VI		2.15	⊗ □ □	⊗ ⊠ ☑ → ⊠	Slough hole to elevation 9.8 m	4B	=			— 35
11			SAND, very fine to fine, massive SILTY FINE SAND; silty clay lenses near top	VI		2.00		□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	Sampling resistance high	5A 5B	Need to check for clay internally		11	
	9	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	CLAY, silty; few scattered lenses of silty fine sand near top, uniform and massive throughout rest of bed	п	2.02	2.07	⊗ ⊗	⊗ ⊗		5C		— 9		
— 12		\ <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>					⊗	⊗ ,	Sampling resistance high				12	— 4 0
	— 8		SAND, very fine to fine	VII							After extraction of Shelby tube, sand fell out of the tube	-8		40
13		\(\frac{1}{2}\frac{1}{				0.00	_ ☑	Z⊗	Sampling resistance	7A			 13	
	7		CLAY, silty, uniform, massive SILT, clayey	i i	2.23	2.03	⊗ ⊗⊗ ⊘	⊗ ⊗⊗ ⊘	medlow		Vertical fracture filled with very fine sand	7		
	,		CLAY, uniform CLAY, silty		2.21 -	1.99	•	• • ⊗		7B	Appears more moist than above or below			45
— 14			CLAY, massive	ш		2.13	•		Sampling resistance low	8A	Liquefied channels; silty fine sand body		— 14	
	6	\(\frac{1}{2}\)\(\fra	SILT, clayey, massive CLAY, massive		1.73		• • • •	• Ø	Sampling resistance	8B	along liquefied zone	6		
15			CLAY, silty; very thin bed of coarse silty fine sand CLAY; a few stringers and irregularly shaped lenses of coarse silty fine sand near base		1.84 1.83	2.06	• • 🗷		med. Slough in hole to elevation	8C 8D	8C and 8D sample stretched during extrusion, due to a Hard mass of material stuck near top zone of tube. Some fractures in upper part		 15	— 50
	5		CLAY, silty			\			6.72 m			— 5		
16									No sample				— 16	
	4										9A and 9B have slumped appearance, but regular	— 4		
			· X			2.00	⊗ ⊗ ⊗	★	Sampling resistance high	9A	sequence of wetness changes suggests material is in place — Prominent fracture — Lump of harder material		42	55
17		-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	CLAY, silty; very fine sand throughout SILT, clayey; very fine sand throughout	Ш		2.05	8 8 8			9B	Cavities approx. 2 mm in diameter distributed vertically ——————————————————————————————————	_ 3		
	3	\frac{1-\frac}	SILTY FINE SAND, fine; fine gravel sand bed at top SILT, clavev: few silty fine sand beds in upper half,	IV	7	2.04	0	Ø Ø Ø	Slough in hole to elevation 3.82 m	9C	Stiffer zone			
18		<u> </u>					0	→ (Sampling resistance low				— 18	60
	2								Two sampling			- 2		
 19									attempts made with no recovery				 19	
	1						•		·			1		
										_			20	65
20		- A	CLAY					•	Drilled out, no sample			SEA		
	LEV	/EL	CLAY, silty CLAY CLAY, silty CLAY, silty CLAY, uniform			1.97		•	Sampling resistance med.	11A		LEVEL		
21			CLAY; thin beds of very fine sand and silty fine sand			1.95		•••		118	Break in sample		21	70
	-1		SILT, clayey, silty fine sand lenses CLAY, silty; silty fine sand lenses	I	II	1.99	•		Sampling resistance low	11C		1		- 70
22			bleb of oxidized silt at base				•	•	Sampling resistance		Irregular sand body		22	
	2								med. No recovery					
23													23	 75
20	3									_		3		
				1A Fo	According to de formation facies	scriptions of Bootle in Updike and Car	egger Cove penter, 1986		☐ Medium sand ☑ Fine sand		EXPLANATION Clayey silt Silty clay Clay Clay Clay Open gaps in "Recovery indicate sample was long to the control of the			

Clay△ Diamicton

✓ Silty fine sand✓ Silt